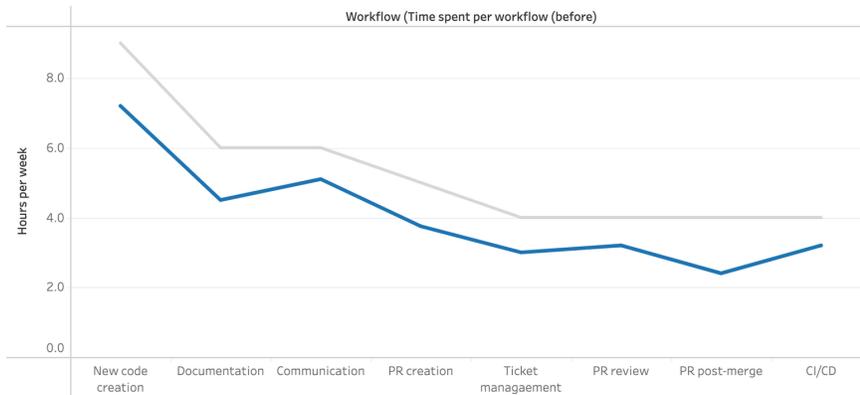


Enterprise AI and Coding Agent Gains

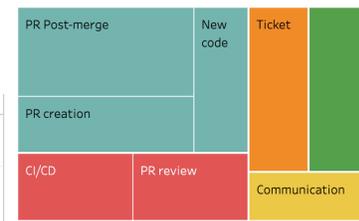
White Paper

Measure Names
 ■ Post-AI hours
 ■ Pre AI Hours/Week

AI unlocks Measurable Engineering Efficiency gains Across Development Lifecycle

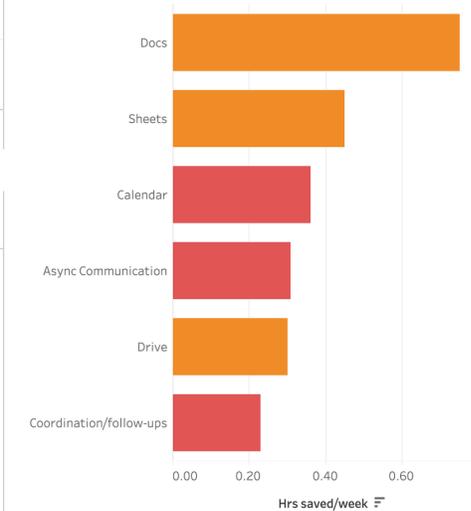


Annual Productivity Value Unlocked by AI, by Workflow



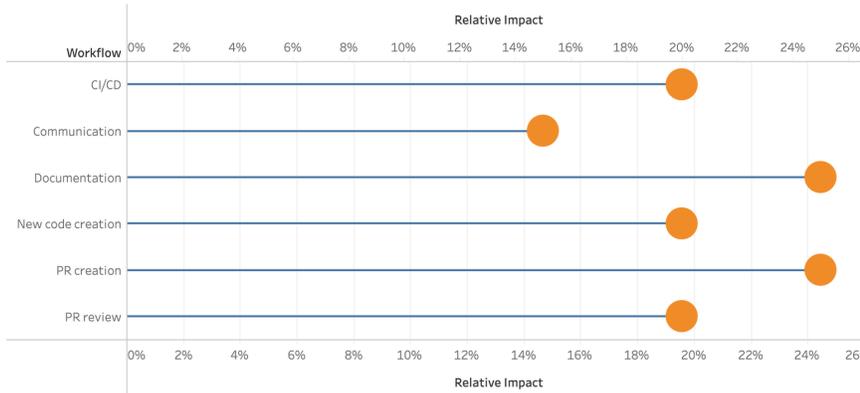
Tools
 ■ Atlassian(Jira) ■ Github ■ Slack
 ■ Azure DevOps ■ M365

Office Productivity



Platform
 ■ Google Workspace
 ■ M365

Relative Impact of AI Coding Agents by Workflow



Pervaziv AI

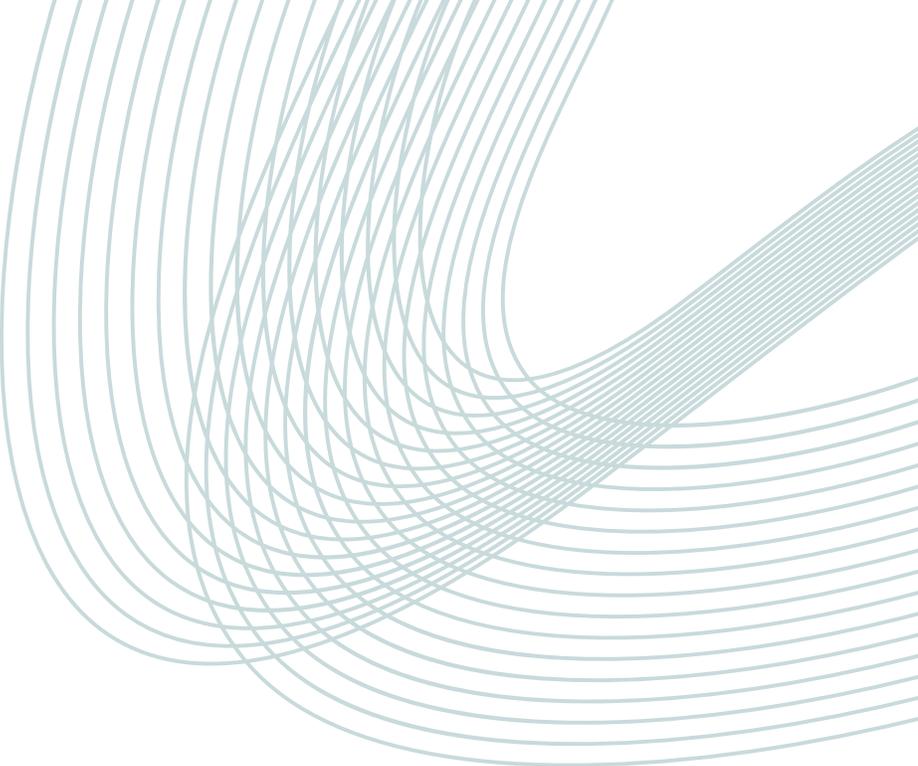


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EXECUTIVE SUMMARY



Across enterprise engineering workflows, AI coding agents integrated with Enterprise AI reduce weekly task time by 15-25%, saving more than 500 hours annually per engineer. The greatest gains occur in structured, repeatable workflows such as code creation, pull request generation, and documentation, while collaboration processes realize consistent efficiency improvements that accelerate delivery and improve focus.

At Pervaziv AI, we analyzed these productivity gains by integrating AI coding agents with enterprise platforms including GitHub, Slack, Atlassian, Azure DevOps, Microsoft 365, and Google Workspace. Powered by Cortex, the platform connects across these systems, performs web searches, and leverages 20+ tools to quantify measurable reductions in developer time within enterprise environments.

BACKGROUND AND LANDSCAPE

Code Creation:

- AI reduces weekly engineering workload across every workflow stage, with the largest absolute time savings in new code creation, documentation, PR creation.

Annual Hours saved

- AI enables ~500+ total engineering hours saved annually per engineer under baseline assumptions.

CI/CD pipelines

- Azure DevOps workflows show consistent 20-25% productivity improvement, especially in PR-related processes

GitHub Operations

- GitHub workflows show the strongest absolute time savings in new code generation, validating AI's impact in code assistance

Office Productivity

- Office tools generate ~2.4-2.5 total hrs/week saved per knowledge worker, driven primarily by:
 - Document drafting
 - Spreadsheet automation
-



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QUESTIONS? CONTACT US.



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